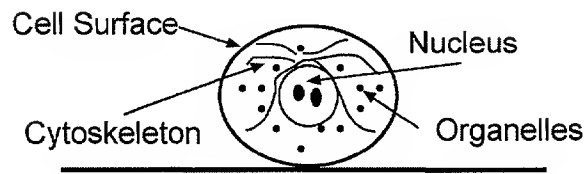


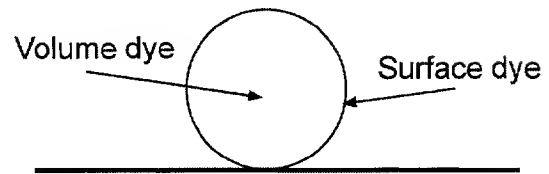
Figure 1

Fluorescent Beads as Models for Cells

A. Round Cell



C. Cell-size bead



B. Flat Cell



D. Beads embedded in layer

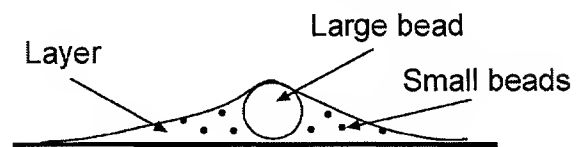


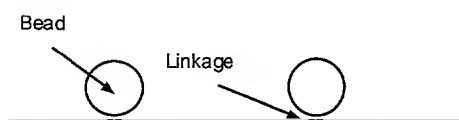
FIGURE 2

Fluorescent Beads and Polymer Layers

Side View

Top View

A. Beads attached to substrate



B. Beads embedded in a polymer layer



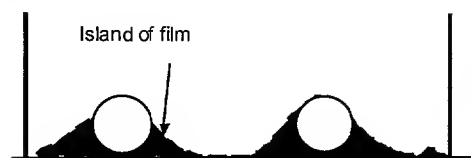
C. Film in a polymer layer



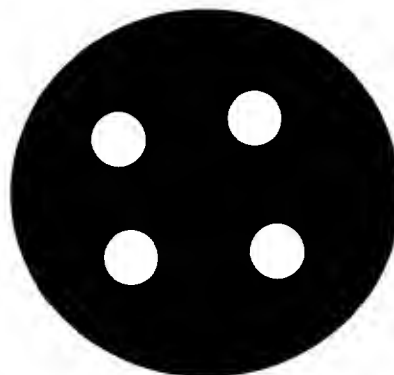
D. Detached beads in a polymer layer



E. Beads in polymer layer islands



F. Two sizes of beads in polymer layer



G. Beads in polymer layer islands

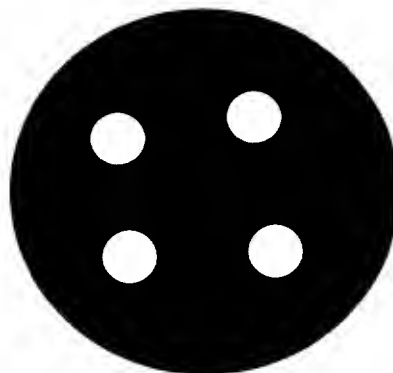
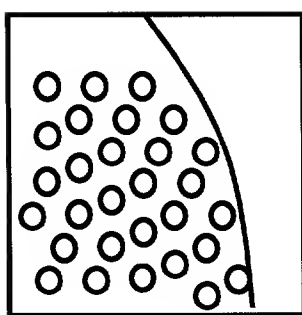


Figure 3



(a)



(b)

Figure 4.

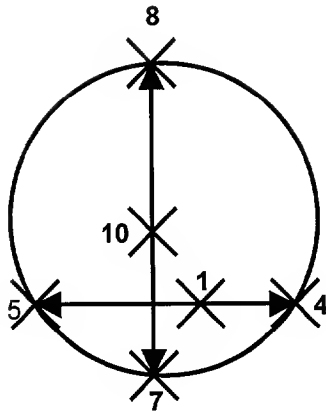


Figure 5.

